

Datasheet for ABIN7561245
PRPF4 Protein (AA 1-521) (His tag)



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Overview

Quantity:	1 mg
Target:	PRPF4
Protein Characteristics:	AA 1-521
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PRPF4 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Prpf4 Protein expressed in mammalian cells.
Sequence:	<p>MASSRASSTT TKTKAPDDL V APVVKKPHIY YGSLEEKERE RLAKGESGIL GKEGLKAGIE AGNINITSGE VFEIEEHISE RQAEVLAEFE RRKRARQINV STDDSEVKAC LRALGEPITL FGEGPAERRE RLRNILSVVG TDALKKTKKD DEKSKKSKEE YQQTWYHEGP NSLKVARLWI ANYSLPRAMK RLEEARLHKE IPETTRTSQM QELHKSLRSL NNFCSQIGDD RPISYCHFSP NSKMLATACW SGLCKLWSVP DCSLLHTLRG HNTNVGAIVF HPKSTVSLDQ KDVNLASCAA DGSVKLWSLD SDEPVADIEG HTVRVARVMW HPSGRFLGTT CYDRSWRLWD LEAQEEILHQ EGHSMGVYDI AFHQDGLAG TGGLDAFGRV WDLRTGRCIM FLEGHLKEIY GINFSPNGYH IATGSGDNTC KVWDLRQRRV VYTIPAHQNL VTGVKFEPIH GDFLLTGAYD NTAKIWHTPG WSPLKTLAGH EGKVMGLDIS SDGQLIATCS YDRTFKLWMA E Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p>

Product Details

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: **Key Benefits:**

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: PRPF4

Alternative Name: Prpf4 ([PRPF4 Products](#))

Background: U4/U6 small nuclear ribonucleoprotein Prp4 (U4/U6 snRNP 60 kDa protein) (WD splicing factor Prp4),FUNCTION: Plays a role in pre-mRNA splicing as component of the U4/U6-U5 tri-snRNP complex that is involved in spliceosome assembly, and as component of the precatalytic spliceosome (spliceosome B complex). {ECO:0000250|UniProtKB:O43172}.

Molecular Weight: 58.4 kDa

UniProt: [Q9DAW6](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months